

Title (en)

METHOD FOR IDENTIFYING PROBLEM CELL, ELECTRONIC DEVICE AND COMPUTER-READABLE MEDIUM

Title (de)

VERFAHREN ZUR IDENTIFIZIERUNG EINER PROBLEMZELLE, ELEKTRONISCHE VORRICHTUNG UND COMPUTERLESBARES MEDIUM

Title (fr)

PROCÉDÉ D'IDENTIFICATION D'UNE CELLULE PROBLÉMATIQUE, DISPOSITIF ÉLECTRONIQUE ET SUPPORT LISIBLE PAR ORDINATEUR

Publication

**EP 4132074 A4 20230809 (EN)**

Application

**EP 21783685 A 20210129**

Priority

- CN 202010284448 A 20200410
- CN 2021074431 W 20210129

Abstract (en)

[origin: EP4132074A1] A method for identifying a problem cell, an electronic device and a computer-readable medium Said method comprises: determining the anomaly contribution degree of each cell in a subnet(S101); and determining at least one cell as a problem cell according to the anomaly contribution degree of each cell in the subnet (S 102); the anomaly contribution degree of each cell refers to, when the key performance indicator of the subnet is anomalous, the degree of correlation between the key performance indicator of the cell and the anomaly; the key performance indicator of the subnet being anomalous means that the key performance indicator of the subnet exceeds a first threshold range; the key performance indicator of the subnet is determined according to parameter statistics of cells therein; and the key performance indicator of the cell is determined according to parameter statistics therein.

IPC 8 full level

**H04W 24/04** (2009.01)

CPC (source: CN EP US)

**H04L 43/16** (2013.01 - CN); **H04W 24/04** (2013.01 - CN EP); **H04W 24/08** (2013.01 - CN); **H04W 28/0268** (2013.01 - US); **H04W 36/06** (2013.01 - US)

Citation (search report)

- [A] EP 3525507 A1 20190814 - ROHDE & SCHWARZ [DE]
- [A] US 2016088502 A1 20160324 - SANNECK HENNING [DE], et al
- See references of WO 2021203810A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 4132074 A1 20230208**; **EP 4132074 A4 20230809**; CN 113518373 A 20211019; JP 2023520801 A 20230519; JP 7474864 B2 20240425; US 2023130378 A1 20230427; WO 2021203810 A1 20211014

DOCDB simple family (application)

**EP 21783685 A 20210129**; CN 202010284448 A 20200410; CN 2021074431 W 20210129; JP 2022560979 A 20210129; US 202117995884 A 20210129